

## ABSTRACT

The 2-dimensional code formation method of this invention comprises: a process of specifying the code size for 2-dimensional code; a process of specifying storage information to be written in the 2-dimensional code; a process of setting the cell size for the unit cell of the 2-dimensional code; a process of specifying the dot step size or the number of dots  $n \times m$  (where  $n$  and  $m$  are natural numbers) arranged vertically and horizontally inside the unit cell; a process of creating laser-marking information based on the code size, storage information, cell size and step size or number of dots; and a process of performing laser marking of the 2-dimensional code based on that laser-marking information.